



ATTORNEY'S DOCKET NO: C1039/7020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Krieg, et al.  
Serial No: 09/337,584  
Filed: June 21, 1999  
For: METHODS OF TREATING ALLERGENIC AND ASTHMATIC DISORDERS  
USING IMMUNOSTIMULATORY OLIGONUCLEOTIDES  
Examiner: Not Yet Assigned  
Art Unit: 1635

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the 18th day of November, 1999.

Kim Ray-Akeeli

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THE ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith are the following documents:

[x] Preliminary Amendment  
[x] Return Receipt Postcard

If the enclosed papers are considered incomplete, the U.S. Patent and Trademark Office is respectfully requested to contact the undersigned at (617)720-3500, Boston, Massachusetts.

No check is enclosed. If a fee is required, please charge to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

By:

Helen C. Lockhart, Registration No. 39,248  
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Docket No. C1039/7020  
Dated: November 18, 1999  
NDD



ATTORNEY'S DOCKET NO: C1039/7021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arthur M. Kreig  
Serial No: 09/337,619  
Filed: June 21, 1999  
For: METHODS OF TREATING CANCER USING IMMUNOSTIMULATORY OLIGONUCLEOTIDES

Examiner: ~~Not Yet Assigned~~  
Art Unit: ~~1617~~ 1633

*Martirelli*

#7/4B  
11-30-99

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*Kim Ray Akeeli*  
Kim Ray Akeeli

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Before beginning examination of the above-identified application on its merits, please enter the following amendments and remarks.

In the Claims

Please amend the claims as follows:

42. (Amended) A method for increasing the responsiveness of a cancer cell to a cancer therapy, comprising:  
administering to a subject having a cancer an effective amount for increasing the responsiveness of a cancer cell to a cancer therapy of an immunostimulatory nucleic acid, having a sequence including at least the following formula:



wherein C [and G are] is unmethylated, wherein X<sub>1</sub>X<sub>2</sub> and X<sub>3</sub>X<sub>4</sub> are nucleotides, and wherein the sequence is not palindromic.

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